

Hand controls for CT aircraft

For pilots with several disabilities it was necessary to create a way to use a CT aircraft without any limitations. In cooperation with a German society what supports abled people to come back to real life we developed an easy to install / remove as well as a safe system for CT aircraft. Most mechanical components are industrial standard. In final development is the integration of a throttle control and a quick release for the joystick plus equipment for easier entry by the pilot requiring no assistance. As additional equipment a "Cargo pod" for the transport of a wheel chair is available.



Function:

The modified control stick has two grips. The right handle is fixed and equipped with a PTT Button and a switch for throttle control (will be fully integrated in production model). The left handle can be moved forward (for left rudder) and rearward (for right rudder) moving both rudder and nose wheel. The function of the rudder pedals at pilot and copilot side is not limited by this system.

The forward/rearward movement for the rudder control is a well known system from gliders for pilots with disabilities for many years.

Technical data:

Weight	2.2 kg (5.0 lbs)
Time for 1 st installation	1 hour
Time for next installations / removals	Less than 20 minutes

Contact / Technical questions:

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